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JUN 24 2004
PATENT & TRADEMARK OFFICE
U.S. DEPARTMENT OF COMMERCE
PTO-SB-17 (10-03)

FEE TRANSMITTAL

for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 110)

Complete if Known

| | |
|----------------------|------------------|
| Application Number | 09/903,260 |
| Filing Date | 07/11/2001 |
| First Named Inventor | Tito Viswanathan |
| Examiner Name | Mark T. Kopec |
| Art Unit | 1751 |
| Attorney Docket No. | KSC-12191 |

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Order Other None
 Deposit Account:

14-0116

Randall M. Heald

The Director is authorized to: (check all that apply)

-
- Charge fee(s) indicated below
-
- Credit any overpayments
-
-
- Charge any additional fee(s) or any underpayment of fee(s)
-
-
- Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity | Small Entity | Fee Description | Fee Paid |
|--------------------------|---------------|------------------------|----------|
| Fee Code (\$) | Fee Code (\$) | | |
| 1001 770 | 2001 385 | Utility filing fee | |
| 1002 340 | 2002 170 | Design filing fee | |
| 1003 530 | 2003 265 | Plant filing fee | |
| 1004 770 | 2004 385 | Reissue filing fee | |
| 1005 160 | 2005 80 | Provisional filing fee | |
| SUBTOTAL (1) (\$) | | | |

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Total Claims | Independent Claims | Multiple Dependent | Extra Claims below | Fee from below | Fee Paid |
|--------------|--------------------|--------------------|--------------------|----------------|----------|
| | | | -20* = | X | = |
| | | | - 3** = | X | = |
| | | | | | |

| Large Entity | Small Entity | Fee Description |
|--------------------------|---------------|--|
| Fee Code (\$) | Fee Code (\$) | |
| 1202 18 | 2202 9 | Claims in excess of 20 |
| 1201 86 | 2201 43 | Independent claims in excess of 3 |
| 1203 290 | 2203 145 | Multiple dependent claim, if not paid |
| 1204 86 | 2204 43 | ** Reissue independent claims over original patent |
| 1205 18 | 2205 9 | ** Reissue claims in excess of 20 and over original patent |
| SUBTOTAL (2) (\$) | | |

**or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

| Large Entity | Small Entity | Fee Description | Fee Paid |
|---------------------------|---------------|--|----------|
| Fee Code (\$) | Fee Code (\$) | | |
| 1051 130 | 2051 65 | Surcharge - late filing fee or oath | |
| 1052 50 | 2052 25 | Surcharge - late provisional filing fee or cover sheet | |
| 1053 130 | 1053 130 | Non-English specification | |
| 1812 2,520 | 1812 2,520 | For filing a request for ex parte reexamination | |
| 1804 920* | 1804 920* | Requesting publication of SIR prior to Examiner action | |
| 1805 1,840* | 1805 1,840* | Requesting publication of SIR after Examiner action | |
| 1251 110 | 2251 55 | Extension for reply within first month | 110 |
| 1252 420 | 2252 210 | Extension for reply within second month | |
| 1253 950 | 2253 475 | Extension for reply within third month | |
| 1254 1,480 | 2254 740 | Extension for reply within fourth month | |
| 1255 2,010 | 2255 1,005 | Extension for reply within fifth month | |
| 1401 330 | 2401 165 | Notice of Appeal | |
| 1402 330 | 2402 165 | Filing a brief in support of an appeal | |
| 1403 290 | 2403 145 | Request for oral hearing | |
| 1451 1,510 | 1451 1,510 | Petition to institute a public use proceeding | |
| 1452 110 | 2452 55 | Petition to revive - unavoidable | |
| 1453 1,330 | 2453 665 | Petition to revive - unintentional | |
| 1501 1,330 | 2501 665 | Utility issue fee (or reissue) | |
| 1502 480 | 2502 240 | Design issue fee | |
| 1503 640 | 2503 320 | Plant issue fee | |
| 1460 130 | 1460 130 | Petitions to the Commissioner | |
| 1807 50 | 1807 50 | Processing fee under 37 CFR 1.17(q) | |
| 1806 180 | 1806 180 | Submission of Information Disclosure Stmt | |
| 8021 40 | 8021 40 | Recording each patent assignment per property (times number of properties) | |
| 1809 770 | 2809 385 | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 1810 770 | 2810 385 | For each additional invention to be examined (37 CFR 1.129(b)) | |
| 1801 770 | 2801 385 | Request for Continued Examination (RCE) | |
| 1802 900 | 1802 900 | Request for expedited examination of a design application | |
| Other fee (specify) _____ | | | |

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 110)

(Complete if applicable)

| | | | | | |
|-------------------|------------------|-----------------------------------|--------|-----------|---------------|
| Name (Print/Type) | Randall M. Heald | Registration No. (Attorney/Agent) | 28,561 | Telephone | 321-867-7214 |
| Signature | Randall M. Heald | | | Date | June 21, 2004 |

WARNING: Information on this form may become public. Credit card Information should not be included on this form. Provide credit card Information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**Patent Application
Receipt**



National
Aeronautics and
Space
Administration

1541 U.S. PRO
60/217493



07/11/00

NASA CASE NO. : KSC-12191
FILING DATE : Herewith
APPLICATION SERIAL NO. :
APPLICANT : Tito Viswanathan
TITLE : SEE BELOW

RECEIPT OF THE FOLLOWING PAPERS IS EVIDENCED HEREON BY THE OFFICIAL STAMP OF THE UNITED STATES PATENT AND TRADEMARK OFFICE.

TITLE: Corrosion Prevention of Cold Rolled Steel Using Water
Dispersible Lignosulfonic Acid Doped Polyamine

Provisional Patent Application consisting of a 6-page
specification and 2-pages of drawings. (One copy included).
One cover letter and one copy. Please charge deposit account
14-0116 \$150.00.

NASA FORM 432 SEP 96 PREVIOUS EDITIONS ARE OBSOLETE

July 11, 2000

1751 \$
JPL

S/N 09/903,260

JUN 24 2004

PATENT
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
Applicant: Tito Viswanathan
Serial No.: 09/903,260
Filed: July 11, 2001
Title: CORROSION PREVENTION OF COLD ROLLED STEEL USING WATER
DISPERSIBLE LIGNOSULFONIC ACID DOPED POLYANILINE

AMENDMENT AND RESPONSE UNDER 37 C.F.R. § 1.111

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

This is in response to the Office Action mailed on March 18, 2004.

Amendments to the Specification begin on page 2 of this paper.

The listing of the claims begins on page 3 of this paper.

Remarks, including arguments, begin on page 13 of this paper.

OIPE/JCWS
JUN 28 2004
RECEIVED